CENTRONIC

PERIPHERALS INFORMATION SHEET
ZX81 T/S1000

FLOPPY DISK INTERFACE OPERATING FIRMWARE

F. I. Z. O. F..... 81.

WARNING.....WARNING.....WARNING.....

DO NOT apply or remove power to or from your ZX81 with a diskette in the drive.
Failure to observe this could mean the total loss of data on the diskette because of the inability to read the Directory track following this occurance.

DO KEEP (regularly), copies of your files on at least one other diskette. A copy on cassette tape will give you ultimate security and complete confidence in your ability to re-create your files.

DO READ the following instructions carefully before connecting together the different parts of your system.

Instructions to get you started.....

1 If you have purchased the F.I.Z. board to connect to your own drive unit be sure that the drive is SA4ØØ compatible. Give particular attention to the TECHNICAL NOTES attached **** it is very important to have the correct interface connections between your ZX81 Host machine and the drive unit.

2 Having satisfied yourself that all is correct, connect your system together as shown in diagram 1 or 2, ensure all connections are good.

3 Apply power to your ZX81 and satisfy yourself that your system is working as normal. Please note that if you are using a RAM expansion beyond 16K then you must switch out the 8K to 16K area of the Memory Map to enable the FIZ board to use it.

4 Apply power to your drive unit.

5 Key PRINT USR 9999 and press NEWLINE. If all is functioning correctly the system will display a 'Ø' at the Top Left Hand Corner (TLHC) of the screen and Ø/Ø at the Bottom Left Hand Corner (BLHC).

6 Key PRINT USR 9999 and press NEWLINE. The screen should display a '1' in the TLHC of the screen and Ø/Ø at the BLHC. This confirms that the system is already correctly initialised. If the screen still displays Ø at the TLHC of the screen then something is wrong. Please power down (disconnect ZX81 supply and switch off the drive unit) and check all connections -- Repeat the instructions from number 2. until the correct results are obtained.

7 Check that the diskette you are going to use is a Single Sided, Single Density, Hard (10) Sectored 5¼" Floppy. Insert the diskette into the drive and close the door. To be able to write to the diskette it is necessary to ensure that the protection label is NOT in place, check that it isn't and re-insert the diskette.

8 Key PRINT USR NEWD and press NEWLINE. The disk will run for about 2.0 minutes (35 Track) or 2.25 minutes (40 Track) and you may be able to hear the drive head stepping across the diskette as it tests each sector in turn. On completion the display will show Ø at TLHC and Ø/Ø at BLHC.

9 Key LET E=USR DIR and press NEWLINE. The screen should display the Macronics disk Header Label. If this happens then it appears that all is well and you have a working system. From here on you are left to experiment using the 'USER MANUAL' as your guide. If the DIRectory is not displayed you may have to take corrective action dependent on the ERROR CODE returned to BASIC. Check what the error code is by Keying PRINT USR DIR and press NEWLINE. The code will be displayed at the TLHC of the screen and you can check what it means by refering to Appendix A of the USER MANUAL. If a repeat of this instruction still fails to display the DIRectory, try a new diskette or repeat the instructions from number 7.

10 If after several attempts at checking connections and trying new diskettes you still fail to display the DIRectory then contact your supplier for advice.

GOOD LUCK and GOOD FASTER ZX81 COMPUTING.